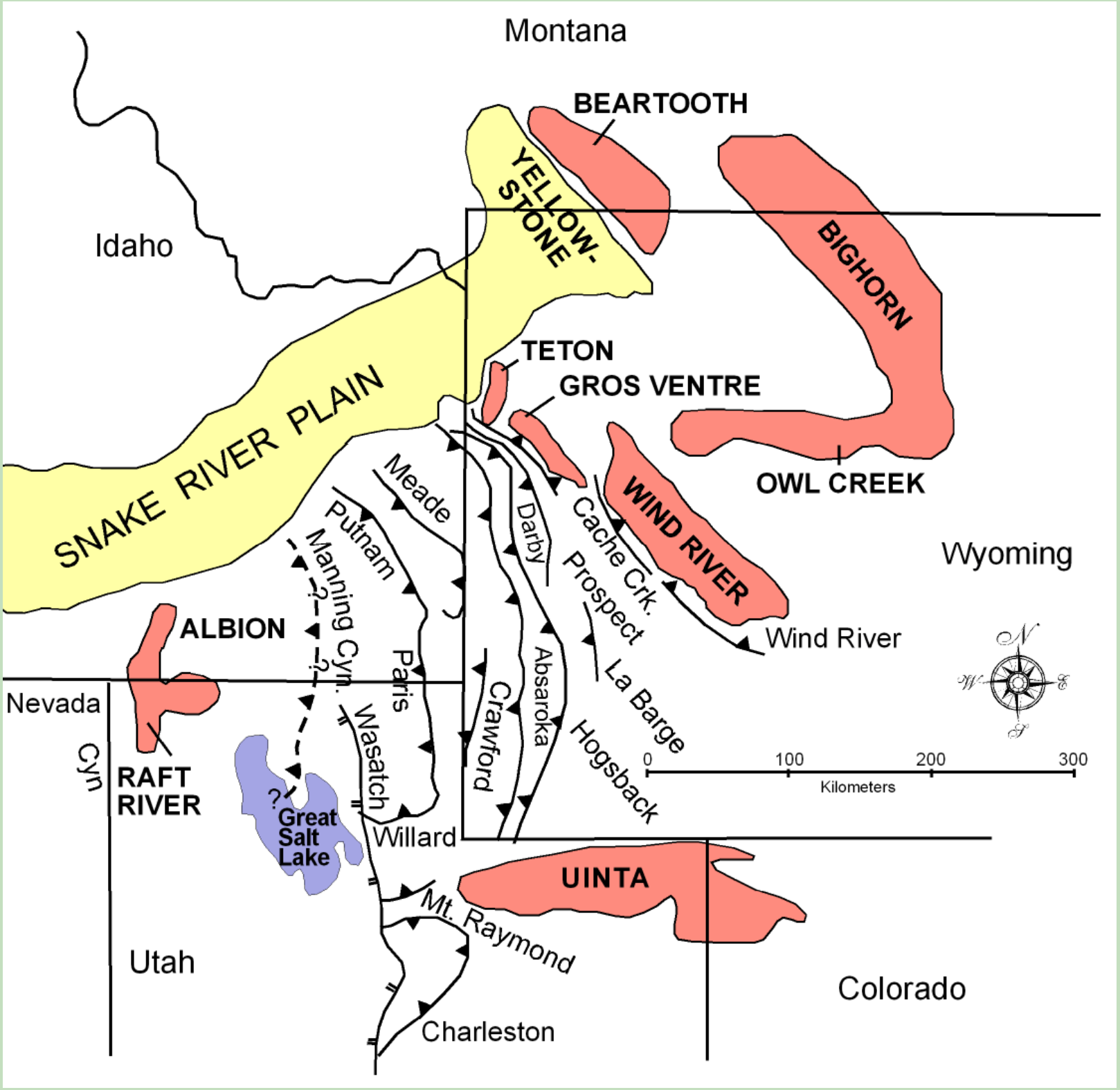
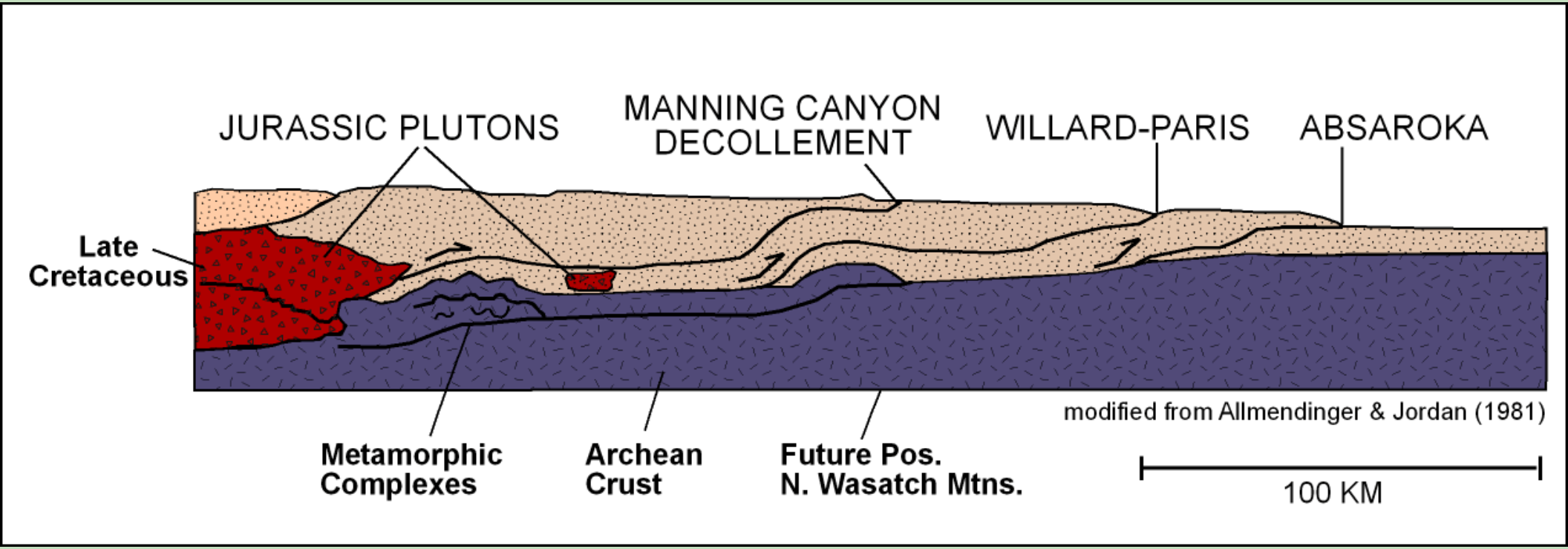
Map of the Idaho-Wyoming fold and thrust belt.

Note the location of the Albion Range, just north of the Idaho-Utah border.





This is a cross section west-east across the southwest corner of the previous map, including the metamorphic and igneous rocks of the Albion Range.

DIGITAL GEOLOGY OF IDAHO

View from near Albion, looking south at Big Bertha Dome of the northern Albion Range. Mt. Harrison is on the right. The Pomerelle ski area is in the valley in the middle-ground. The prominent dome is the surface of the Proterozoic Elba quartzite which is folded into a turtleback-shaped anticline as part of the core complex. To the right (west), there are several sheets of Proterozoic and Paleozoic rocks bounded by thrust and low angle normal faults.

Tight folds in Ordovician Garden City Formation on road up to summit of Mt. Harrison.

Summit of Mt Harrison. Rocks are stratigraphically overturned quartzites. View is Looking northeast onto the Snake River Plain.

View looking north of Silent City of Rocks. Rocks shown are the Oligocene pluton, intruding the Archean Green Creek complex gneiss.

North-facing aerial view of the Twin Sisters (2 prominent peaks), along the western margin of the City of Rocks. Left sister is Archean gneiss. Right sister is Oligocene Almo granite.

Photograph of the Twin Sisters: the right sister is Archean gneiss and the left sister is the Oligocene granitic Almo pluton.

Intrusive contact between younger Granodiorite intruding Proterozoic quartzite along Birch Creek, west of the Albion Mountains core complex.

Closer view of the north sister, the Oligocene granitic Almo pluton.

View to the north, from near Bath rock, of the central part of the City of Rocks. Picture shows parallel joints making fins in the Oligocene granite.